

	Type	L #	Hits	Search Text
1	BRS	L1	319	(vacuum or vacuuming or vacuumed) adj10 (spindle adj3 chuck or spin adj3 chuck or wafer adj4 handler)
2	BRS	L2	319	(vacuum or vacuuming or vacuumed) adj10 (spindle adj3 chuck or spin adj3 chuck or wafer adj4 handler)
3	BRS	L3	169446	("15"/\$ or "134"/\$).ccls.
4	BRS	L4	321	(clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed or cleanser or treat or treating or treated or treatment or eliminate or eliminated or elimination or elimination or eliminating or remove or removing or removed or removal) adj10 (particle or particulate or contamination or contaminant or dirt or soil or soiling or soiled or residue or residual or foreign adj4 (matter or material)) adj10 (chuck or spin adj3 chuck or (semiconductor or semi-conductor or wafer) adj4 holder or spindle adj4 chuck)

	DBs	Time Stamp	Comments	Error Definition
1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2005/05/26 10:24		
2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2005/05/26 10:25		
3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2005/05/26 10:30		
4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2005/05/26 10:38		

	Type	L #	Hits	Search Text
5	BRS	L5	369	(clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed or cleanser or treat or treating or treated or treatment or eliminate or eliminated or elimination or elimination or eliminating or remove or removing or removed or removal) adj10 (particle or particulate or contamination or contaminant or dirt or soil or soiling or soiled or residue or residual or foreign adj4 (matter or material)) adj10 (chuck or spin adj3 chuck or (semiconductor or semi-conductor or wafer) adj4 (holder or support) or spindle adj4 chuck)
6	BRS	L6	200	l5 and (vacuum or vacuuming or vacuumed)
7	BRS	L7	40	l6 and l3

	Type	L #	Hits	Search Text
8	BRS	L8	12101	(clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed or cleanser or treat or treating or treated or treatment or eliminate or eliminated or elimination or elimination or eliminating or remove or removing or removed or removal) adj10 (chuck or spin adj3 chuck or (semiconductor or semiconductor or wafer) adj4 (holder or support) or spindle adj4 chuck)
9	BRS	L9	818	18 and 13
10	BRS	L10	53	18 same (brush\$4 or scrubb\$4) same (vacuum or vacuuming or vacuumed)
11	BRS	L11	19880	(clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed or cleanser or treat or treating or treated or treatment or eliminate or eliminated or elimination or elimination or eliminating or remove or removing or removed or removal) adj10 (chuck or spin adj3 chuck or (semiconductor or semiconductor or wafer or substrate or chuck) adj4 (holder or support or plate or pedestal or cassette) or spindle adj4 chuck)

	Type	L #	Hits	Search Text
12	BRS	L12	21683	(clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed or cleanser or treat or treating or treated or treatment or eliminate or eliminated or elimination or elimination or eliminating or remove or removing or removed or removal or wash or washing or washed or brush or brushing or brushed or scrub or scrubbing or scrubber or scrubber) adj10 (chuck or spin adj3 chuck or (semiconductor or semi-conductor or wafer or substrate or chuck) adj4 (holder or support or plate or pedestal or cassette or table) or spindle adj4 chuck)
13	BRS	L13	708258	(clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed or cleanser or treat or treating or treated or treatment or eliminate or eliminated or elimination or elimination or eliminating or remove or removing or removed or removal or strip or stripping or stripped or stripper) adj10 (particle or dust or particulate or contamination or contaminant or dirt or soil or soiling or soiled or residue or residual or foreign adj4 (matter or material))
14	BRS	L14	1203	111 same 113

	Type	L #	Hits	Search Text
15	BRS	L15	19	l14 same (brush\$4 or scrubb\$4) same (vacuum or vacuuming or vacuumed)
16	BRS	L16	45	l14 and (brush\$4 or scrubb\$4) same (vacuum or vacuuming or vacuumed)
17	BRS	L17	1109649	(clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed or cleanser or treat or treating or treated or treatment or eliminate or eliminated or elimination or elimination or eliminating or remove or removing or removed or removal or wash or washing or washed) adj10 (surface or substrate or semiconductor or wafer or article or object)
18	BRS	L18	125347	l17 same l13
19	BRS	L19	857	l18 same (brush\$4 or scrubb\$4) adj10 (vacuum or vacuuming or vacuumed or evacuate or evacuated or evacuating or suction or suctioned or suctioning)
20	BRS	L20	339104	(15/\$ or "134"/\$ or "438"/\$).ccls.
21	BRS	L21	541	l19 and l20

	Type	L #	Hits	Search Text
22	BRS	L22	273	117 adj10 (brush\$4 or scrubb\$4) adj10 (vacuum or vacuuming or vacuumed or evacuate or evacuated or evacuating or suction or suctioned or suctioning)
23	BRS	L23	96	122 same 113
24	BRS	L24	66	123 and 120
25	BRS	L25	51	119 and (semiconductor or semi- conductor or wafer)
26	BRS	L26	23	125 and 120
27	BRS	L27	2132	117 same (brush\$4 or scrubb\$4) adj10 (vacuum or vacuuming or vacuumed or evacuate or evacuated or evacuating or suction or suctioned or suctioning)
28	BRS	L28	1156	127 and 120
29	BRS	L29	133	122 and 120

	Type	L #	Hits	Search Text
30	BRS	L30	67	shirley-p\$.in.
31	BRS	L31	295	hickman-c\$.in.
32	BRS	L32	355	l30 or l31
33	BRS	L33	38	l32 and (vacuum or vacuuming or vacuumed or evacuate or evacuated or evacuating or suction or suctioned or suctioning)